

Comparisons of Job Characteristics

Focus Occupation: Special Education Teachers, Middle School (25-2042)

Associated Occupation: Special Education Teachers, Secondary School (25-2043)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 98

Focus Occupation: Special Education Teachers, Middle School (25-2042)

Associated Occupation: Special Education Teachers, Secondary School (25-2043)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Education and Training	9.2	17.6	20.7	>	Current knowledge level is likely sufficient
English Language	11.2	17.0	19.3	>	Current knowledge level is likely sufficient
Psychology	6.4	14.9	14.8	0	Current knowledge level may be sufficient
Therapy and Counseling	3.8	11.6	10.0	<	Expanded education and/or training may be required
Geography	3.9	9.3	8.0	<	Expanded education and/or training may be required
Sociology and Anthropology	4.1	9.1	8.2	<	Expanded education and/or training may be required
History and Archeology	2.6	8.5	8.2	0	Current knowledge level may be sufficient
Philosophy and Theology	3.2	7.7	6.8	<	Expanded education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Special Education Teachers, Middle School (25-2042)

Associated Occupation: Special Education Teachers, Secondary School (25-2043)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Learning Strategies	7.2	15.7	12.0	<<	Extensive development of skills in this area may be required
Monitoring	9.9	13.2	11.9	<	A higher skill level may be required
Social Perceptiveness	9.1	12.8	12.2	0	Current skill level may be sufficient
Instructing	7.8	12.7	13.1	0	Current skill level may be sufficient
Service Orientation	7.9	12.3	10.7	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 98			
Focus Occupation: Special Education Teachers, Middle School (25-2042) Associated Occupation: Special Education Teachers, Secondary School (25-2043)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Speech Recognition	9.9	13.7	12.2	<	Some improvement in abilities may be required
Speech Clarity	10.2	13.6	13.7	0	Current ability level may be sufficient
Deductive Reasoning	10.6	12.9	12.0	0	Current ability level may be sufficient
Fluency of Ideas	7.6	11.8	10.3	<	Some improvement in abilities may be required
Originality	7.6	10.3	10.8	0	Current ability level may be sufficient
Far Vision	7.8	10.1	8.0	<	Some improvement in abilities may be required
Time Sharing	6.6	9.1	7.4	<	Some improvement in abilities may be required
Memorization	5.6	7.7	7.2	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 100
Focus Occupation: Special Education Teachers, Middle School (25-2042) Associated Occupation: Special Education Teachers, Secondary School (25-2043)		
Work Activities	Exclusivity of Activity	
Adapt course of study to meet student needs	82	
Assess educational potential or need of students	73	
Communicate student progress	66	
Conduct parent conferences	75	
Convert information into instructional program	38	
Coordinate educational content	76	
Design classroom presentations	45	
Develop course or training objectives	42	
Develop instructional materials	38	
Develop teaching aids	74	
Empathize with others during counseling or related services	69	
Ensure correct grammar, punctuation, or spelling	48	
Establish and maintain relationships with students	74	
Evaluate student performance	46	

Interpret ability or achievement test results	89
Maintain educational records, reports, or files	43
Maintain group discipline in an educational setting	77
Make education presentations	46
Mentor co-workers in school or educational setting	80
Monitor student progress	66
Organize educational material or ideas	41
Prepare educational reports	44
Recognize physical or emotional abuse	68
Recognize student learning levels	75
Recognize student problems	75
Record student progress	46
Resolve behavioral or academic problems	77
Select teaching materials to meet student needs	72
Teach mentally or emotionally-impaired students	95
Use classroom management techniques	81
Use computers to enter, access or retrieve educational data	46
Use interpersonal communication techniques	10
Use knowledge of multi-media technology	70
Use motivational techniques in education	76
Use oral or written communication techniques	1
Use public speaking techniques	13
Use special education techniques	87
Use teaching techniques	29
Work with persons with mental disabilities or illnesses	62

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: 95

Focus Occupation: Special Education Teachers, Middle School (25-2042)
Associated Occupation: Special Education Teachers, Secondary School (25-2043)

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Audio presentation and composing equipment and hardware and controllers	25
Binding and lamination machines	35
Calculating machines and accessories	3
Cameras	2
Communication aids for the physically challenged	29
Computer data input devices	2
Computer displays	18
Computer printers	2
Computers	1
Content authoring and editing software	1

Drafting supplies	9
Duplicating machines	6
Educational or reference software	12
Emergency and field medical services kits	19
Enteral feeding equipment and supplies	43
General laboratory glassware and plasticware and supplies	13
Information exchange software	1
Intubation supplies	21
Laboratory heating and drying equipment	13
Laboratory implements	27
Leisure and recreational aids for the physically challenged	56
Network applications software	1
Oxygen therapy delivery systems and devices	13
Patient transport products	18
Safety apparel	4
Toys	35
Utility and device driver software	17
Video and combination video and audio presentation equipment and hardware and controllers	31
Viewing and observing instruments and accessories	4
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.